CLAIMS

Claims 1-15 cancelled.

16. (currently amended) A toner for developing an electrostatically charged copier or printer image, the toner consisting essentially of:

- a) a binder resin;
- b) a colorant; and
- c) a charge control agent,

wherein the binder resin includes a polyolefin resin having a cyclic structure, wherein the polyolefin resin is a copolymer derived from an alpha-olefin, an alicyclic compound having a having one double bond and, optionally, a diene monomer, and wherein the electrostatically charged copier or printer image is fixed by the action of a heated roller using a heat roller fixing means.

17. (currently amended) A toner for developing an electrostatically charged copier or printer image, the toner consisting essentially of:

- a binder resin;
- a colorant; and
- a charge control agent,

the binder resin further comprises a polyolefin resin having a cyclic structure having:

SERIAL NO. 09/000,330 ATTORNEY DOCKET NO. 95/F 338 (5587*342)

(i) a low-viscosity resin with a number average molecular weight (Mn) of

1000 to 7500 and a weight average molecular weight (Mw) of 1,000 to 15,000, as

measured by GPC, an intrinsic viscosity (i.v.) of less than 0.25 dl/g, and a heat distortion

temperature (HDT) by DIN53461-B (January 1987) of lower than 70°C; and

(ii) a high-viscosity resin having a number average molecular weight of at

least 7,500 and a weight average molecular weight of at least 15,000, as measured by

GPC, an i.v. of 0.25 dl/g or more, and an HDT of 70°C or higher;

wherein the polyolefin resin is a copolymer derived from an alpha-olefin, an alicyclic

compound having a having one double bond and, optionally, a diene monomer, and

wherein the electrostatically charged copier or printer image is fixed by the action of a

heated roller using a heat roller fixing means.

18. (currently amended) A toner for developing an electrostatically charged copier

or printer image, the toner consisting essentially of:

a-binder resin;

a colorant; and

a charge control agent,

The toner as claimed in claim 17, wherein the binder resin further comprises a

polyolefin resin having a cyclic structure having:

(i) a low-viscosity resin having a number average molecular weight (Mn)

of 3,000 to 7,500 and a weight average molecular weight (Mw) of 4,000 to 15,000, as

measured by GPC, an intrinsic viscosity (i.v.) of less than 0.25 dl/g, and a heat distortion temperature (HDT) by DIN53461-B (January 1987) of lower than 70°C; and

- (ii) a high-viscosity resin having a number average molecular weight of 7,500 to 50,000 and a weight average molecular weight of 15,000 to 100,000, as measured by GPC, an i.v. of 0.25 dl/g or more, and an HDT of 70°C or higher; wherein the polyolefin resin is a copolymer derived from an alpha-olefin, an alicyclic compound having a having one double bond and, optionally, a diene monomer, and wherein the electrostatically charged copier or printer image is fixed by the action of a heated roller using a heat roller fixing means.
- 19. (previously submitted) The toner according to claims 17 or 18, wherein said low-viscosity resin has a Mw/Mn ratio from 1 to 2.5.

Claim 20 cancelled.

- 21. (currently amended) The toner according to claims 16, 17 or 18, wherein the alpha olefin, fro from which the copolymer is derived, is ethylene.
- 22. (currently amended) The toner according to claims 16, 17 or 18, wherein the binder resin includes a includes said polyolefin resin with having a cyclic structure having an intrinsic viscosity (i.v.) of 0.25 dl/g or more, a heat distortion temperature (HDT) by DIN53461-B of 70°C or higher, and a number average weight of 7,500 or more and a weight average molecular weight of 15,000 or more, as measured by GPC, which is contained in a proportion of less than 50% by weight based on the entire binder resin.

ATTORNEY DOCKET NO. 95/F 338 (5587*342)

SERIAL NO. 09/000,330

- 23. (currently amended) The toner according to claims 16, 17 or 18, wherein the binder resin includes said polyolefin resin with a cyclic structure having an intrinsic viscosity (i.v.) of 0.25 dl/g or more, a heat distortion temperature (HDT) by DIN53461-B (January 1987) of 70°C or higher, and a number average molecular weight of 7,500 or more and a weight average molecular weight of 15,000 or more, as measured by GPC, which is contained in a proportion of not more less than 50% by weight based on the entire binder resin.
- 24. (previously submitted) The toner according to claims 16, 17 or 18, wherein the polyolefin resin having a cyclic structure comprises at least one functional group selected from the group consisting of a carboxyl group, a hydroxyl group and an amino group.
- 25. (previously submitted) The toner according to claims 16, 17 or 18, wherein the polyolefin resin having a cyclic structure further comprising a carboxyl group is cross-linked by metal ions or dienes.
- 26. (currently amended) A toner for developing an electrostatically charged copier or printer image, comprising:
 - a) a binder resin that includes a copolymer having a cyclic structure of
 - (i) ethylene, propylene or butylene, and
 - (ii) cyclohexane or norbornene, and optionally,
 - (iii) a diene;
 - b) a colorant; and

c) a charge control agent,

wherein the electrostatically charged copier or printer image is fixed by the action of a heated roller using a heat roller fixing means.

- 27. (previously submitted) The toner according to claim 26, wherein said copolymer is formed by a metallocene catalyst or a Ziegler catalyst.
- 28. (new) A toner for developing an electrostatically charged copier or printer image, the toner consisting essentially of:
 - a) a binder resin;
 - b) a colorant; and
 - c) a charge control agent,

wherein the binder resin includes a polyolefin resin having a cyclic structure, wherein the polyolefin resin is a copolymer derived from

- (1) an alpha-olefin selected from the group consisting of ethylene, propylene and butylene,
- (2) an alicyclic compound having one double bond and, optionally,
- (3) a diene monomer, and

wherein the electrostatically charged copier or printer image is fixed by the action of a heated roller.

- 29. (new) The toner as claimed in claim 28, wherein said alicyclic compound is cyclohexene or norbornene.
- 30. (new) The toner as claimed in claim 28, wherein said alicyclic compound is norbornene and the alpha-olefin is ethylene.
- 31. (new) The toner as claimed in claim 16, wherein said colorant is carbon black, diazo yellow, phthalocyanine blue, quinacridone, carmine 6B, monoazo red or perylene.
- 32. (new) The toner as claimed in claim 26, wherein said colorant is carbon black, diazo yellow, phthalocyanine blue, quinacridone, carmine 6B, monoazo red or perylene.
- 33. (new) The toner as claimed in claim 28, wherein said colorant is carbon black, diazo yellow, phthalocyanine blue, quinacridone, carmine 6B, monoazo red or perylene.